

1 / 19

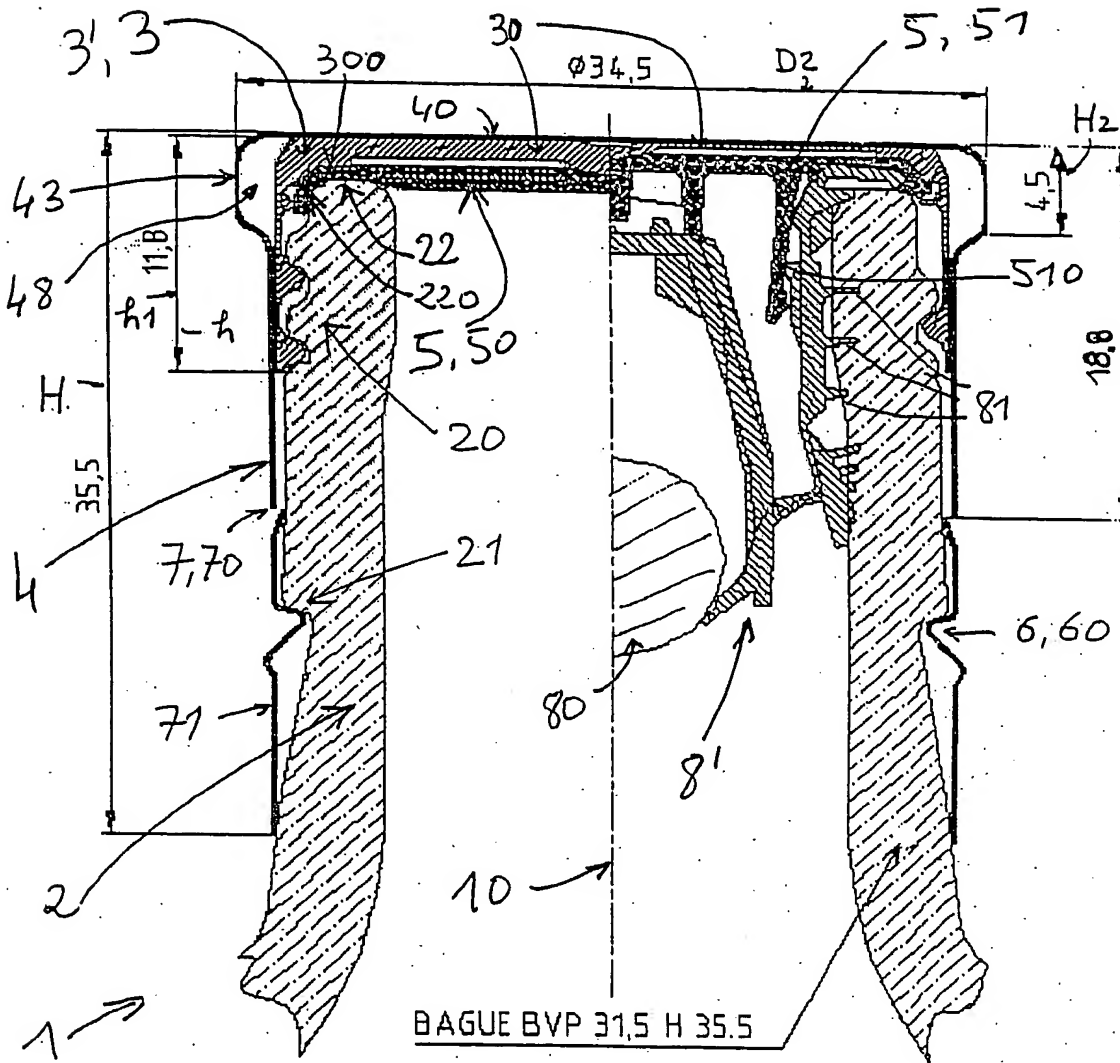


FIG. 1a

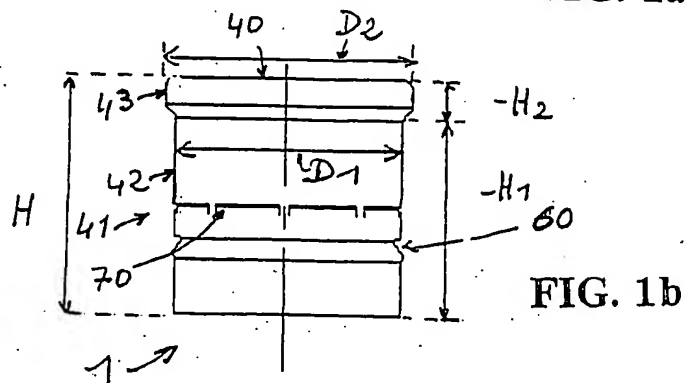


FIG. 1b

FIG. 2a

3 / 19

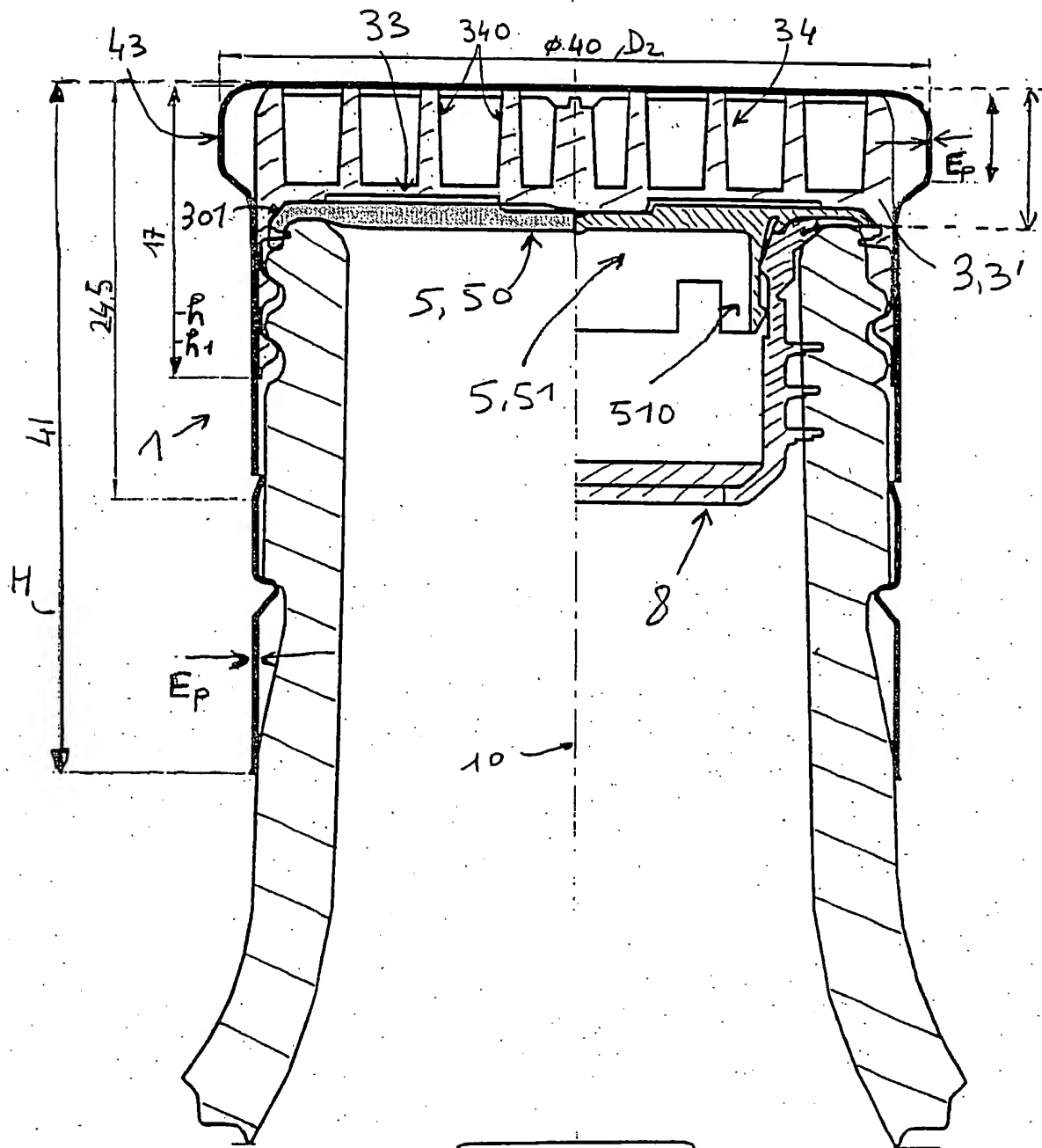


FIG. 3a

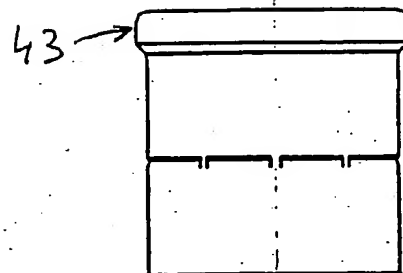


FIG. 3b

4 / 19

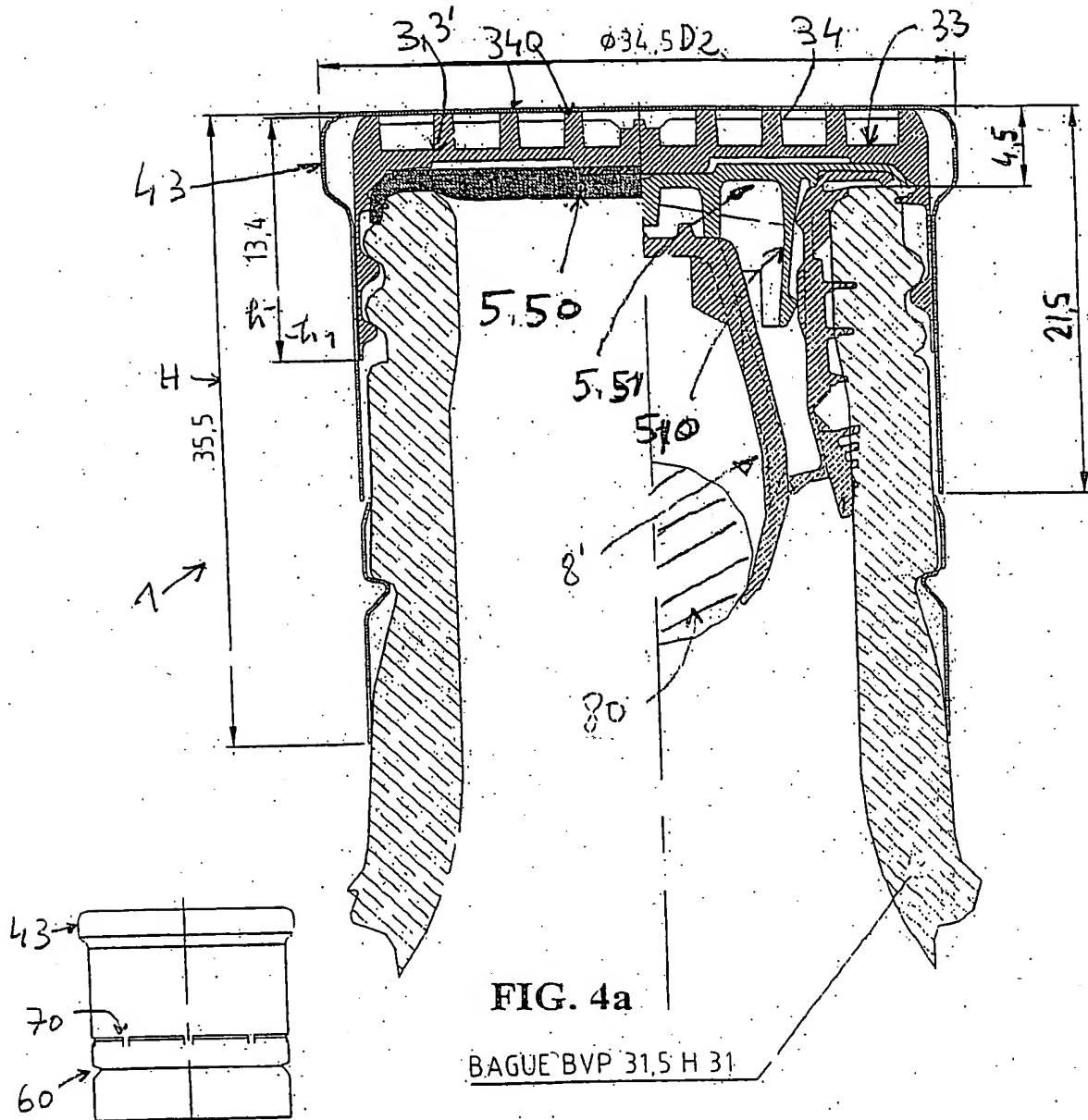


FIG. 4b

5 / 19

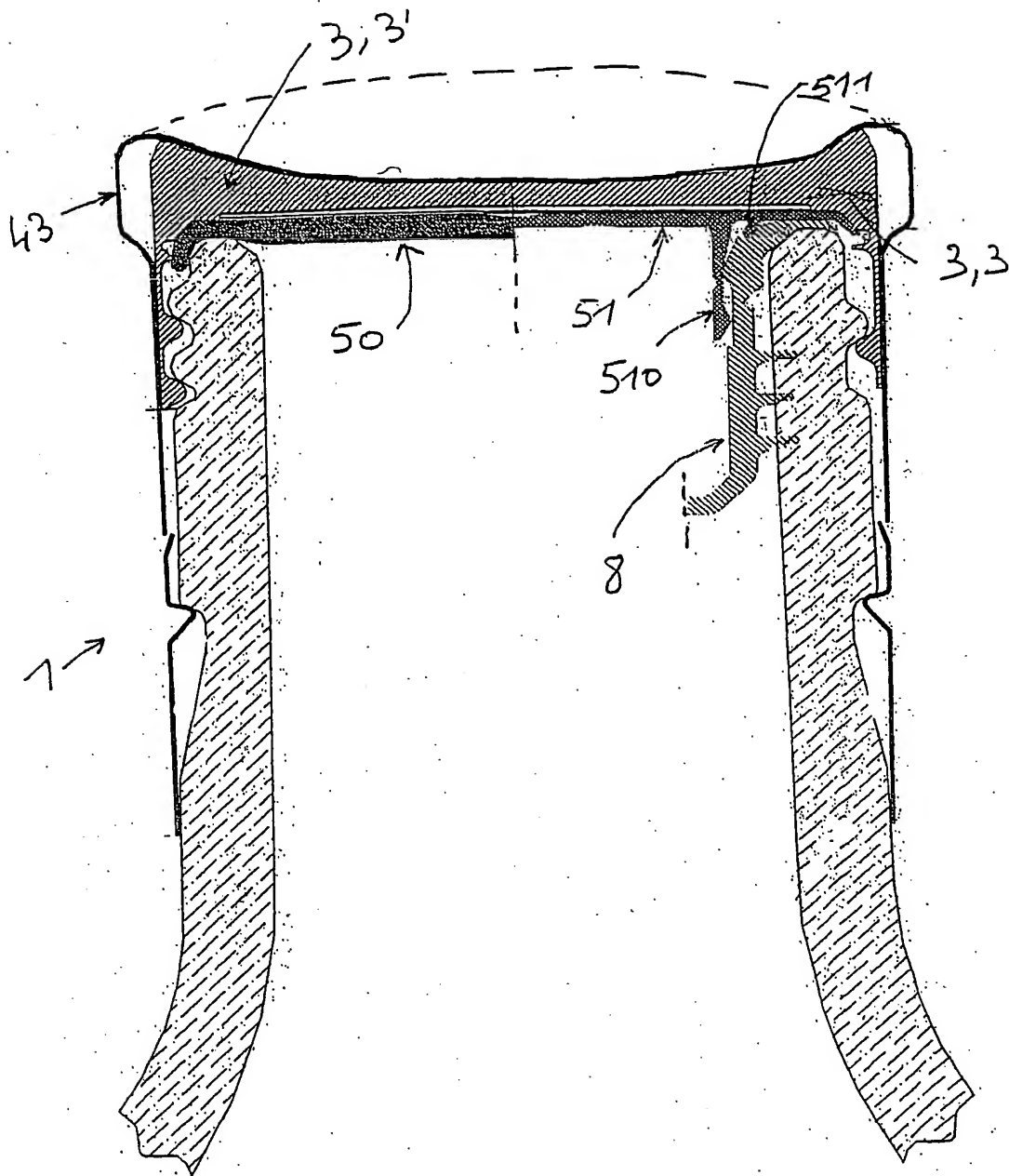


FIG. 5.

6 / 19

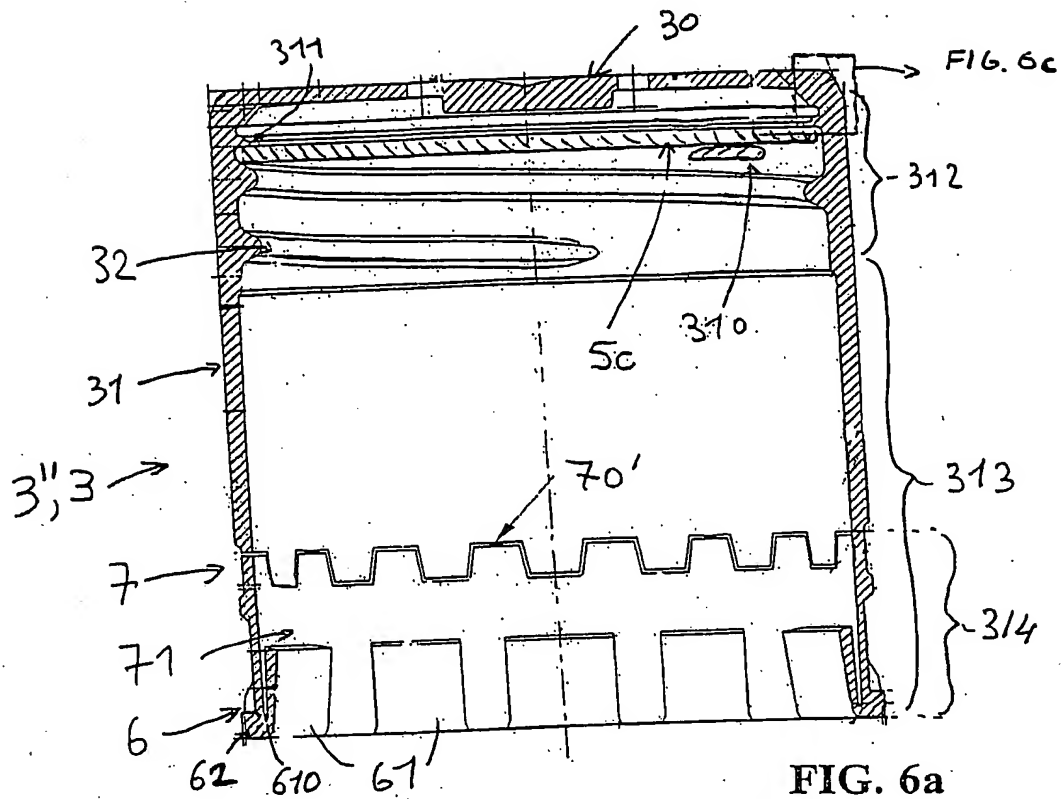
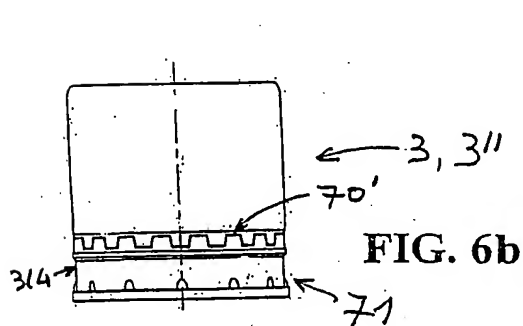


FIG. 6a



**FIG. 6b**

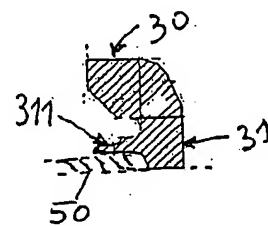


FIG. 6c

7 / 19

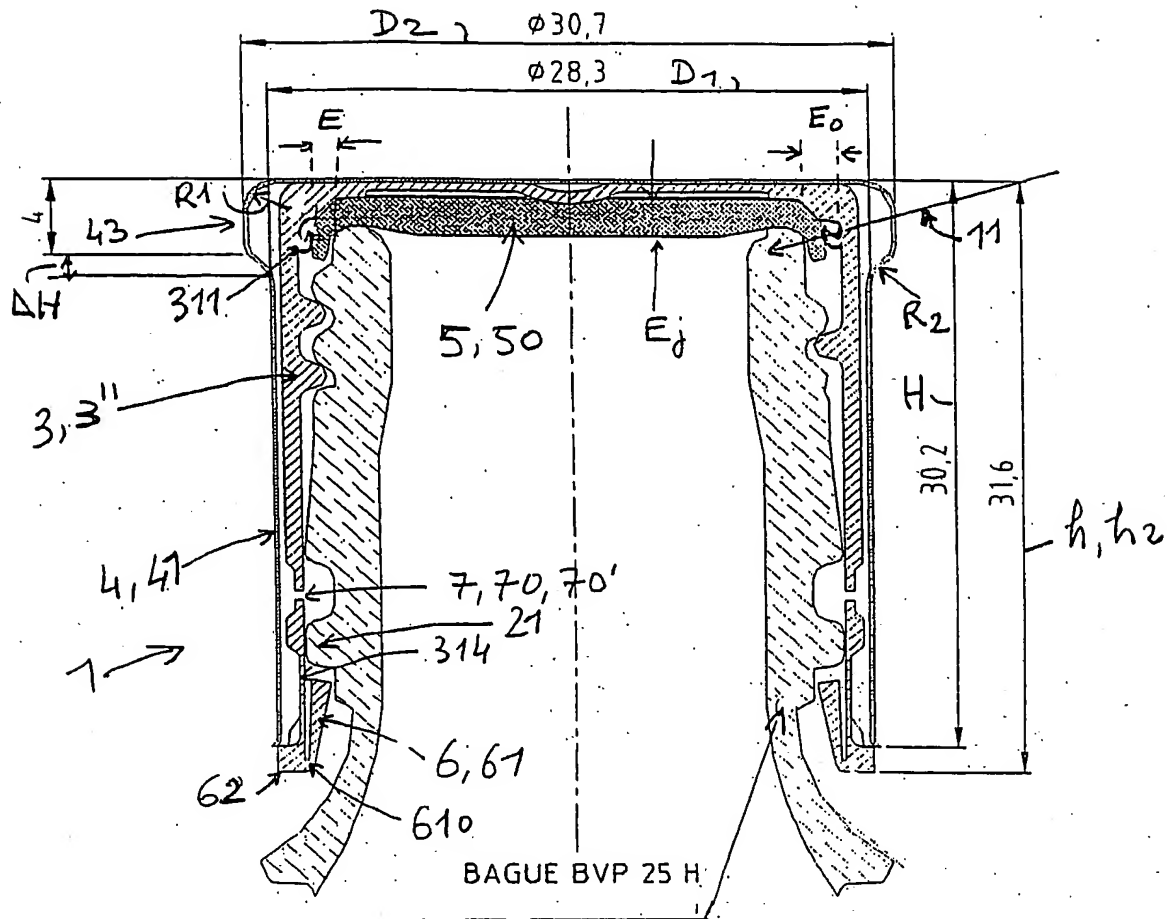


FIG. 7a

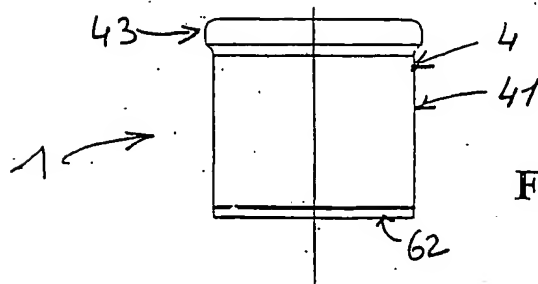


FIG. 7b

8 / 19

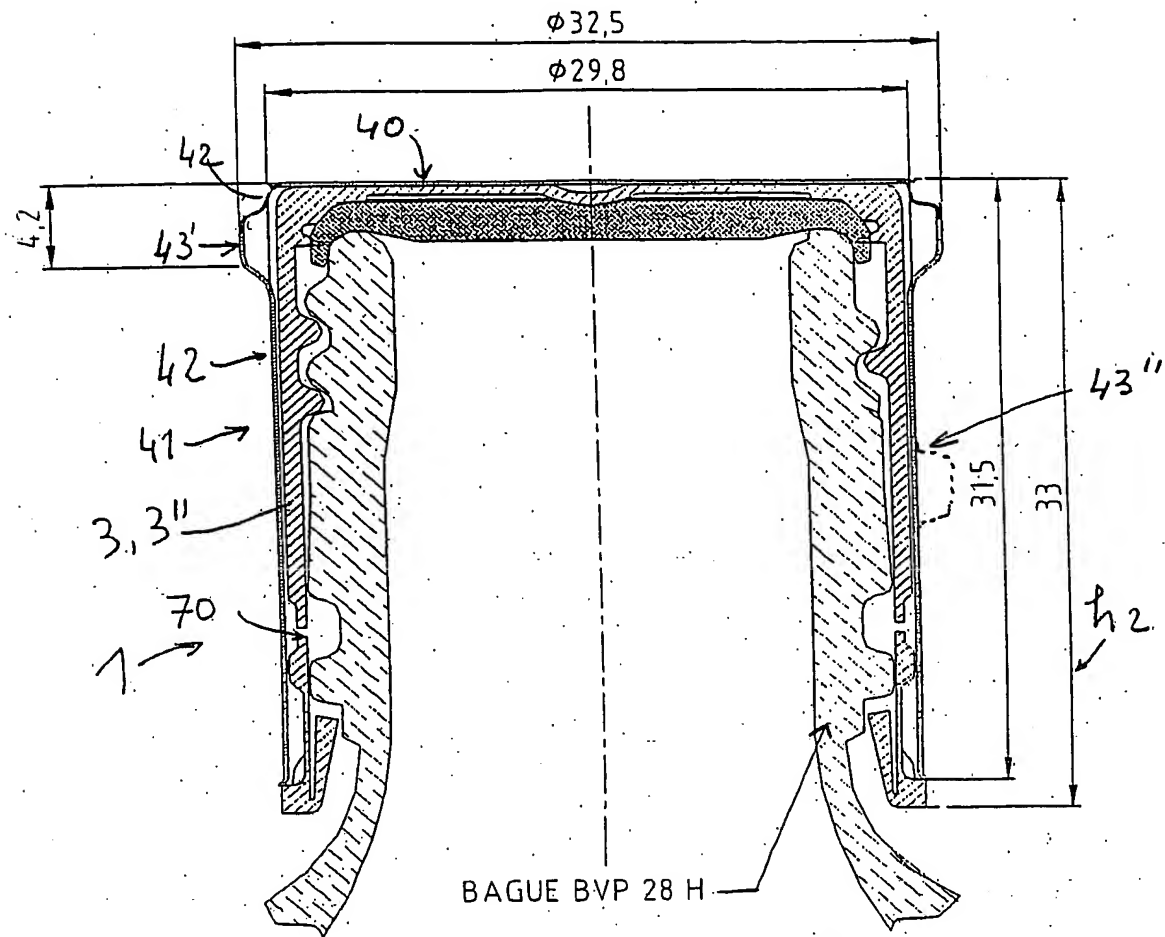


FIG. 8a

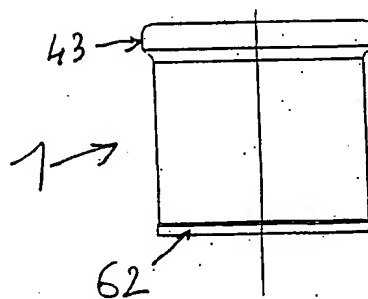
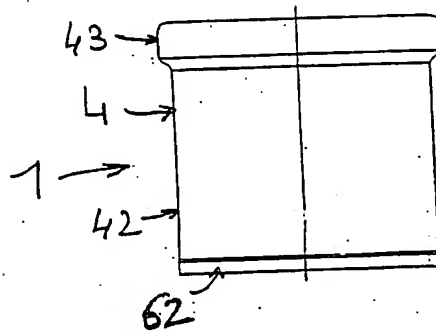
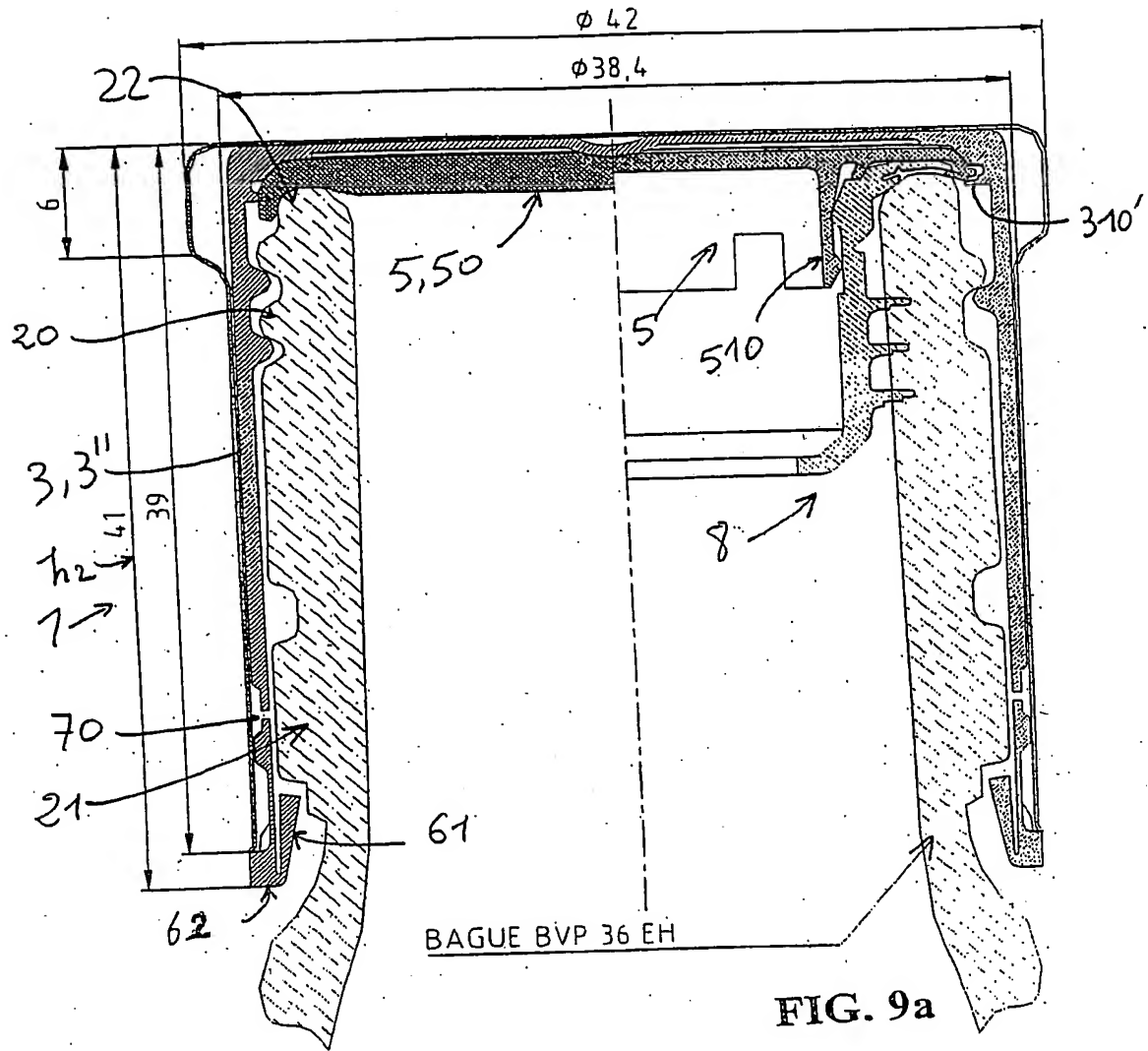


FIG. 8b



9 / 19



10 / 19

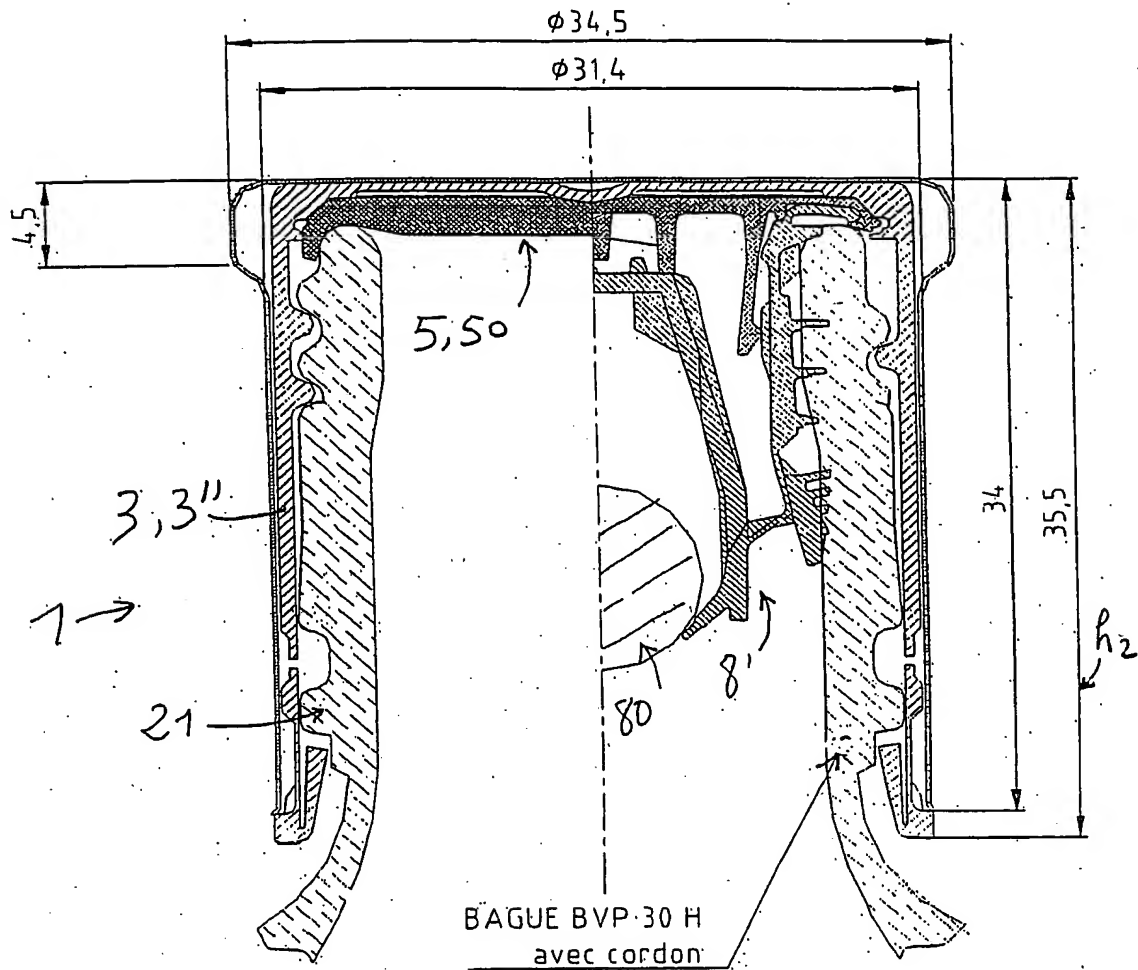


FIG. 10a

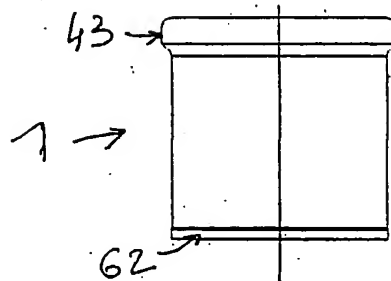


FIG. 10b

11 / 19

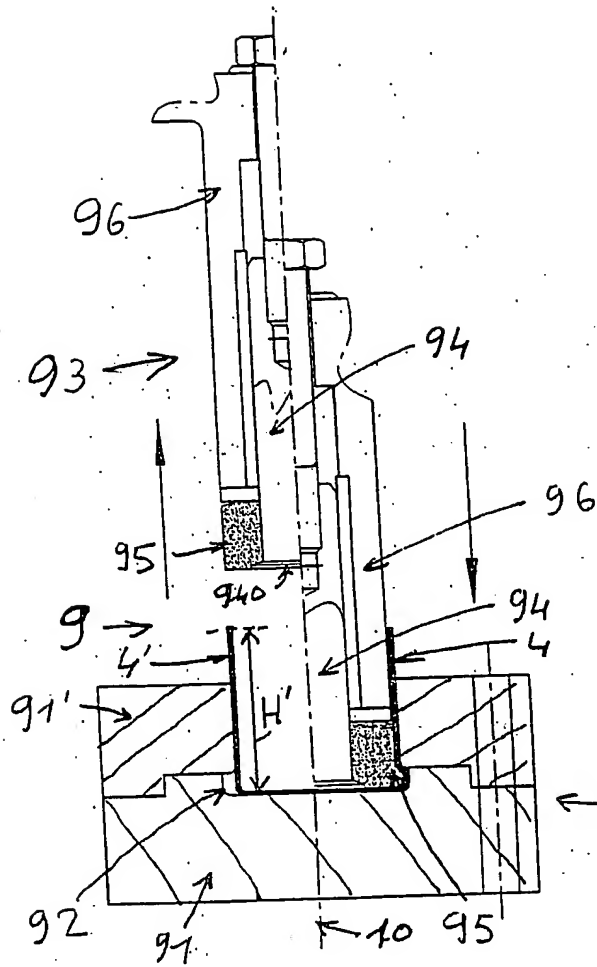


FIG. 11a

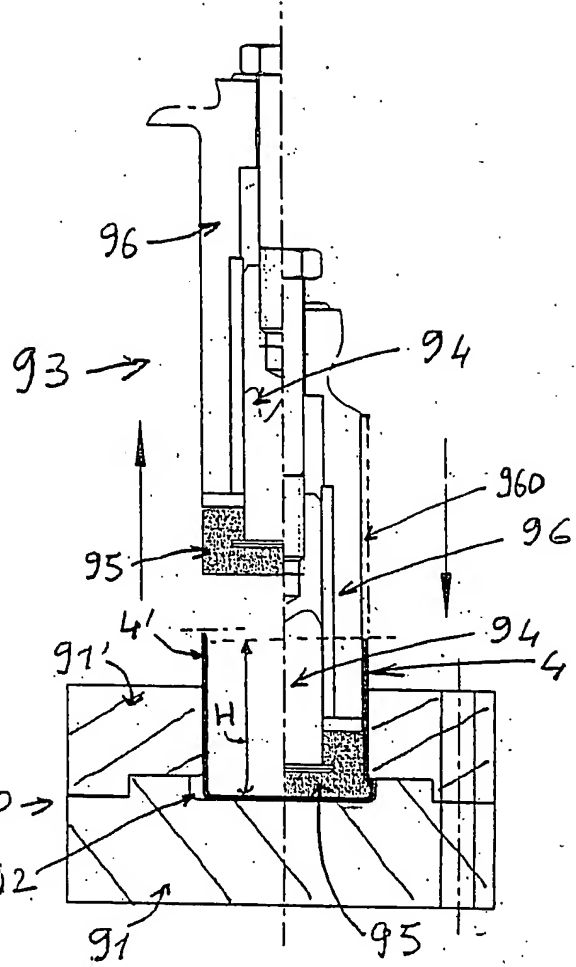


FIG. 11b

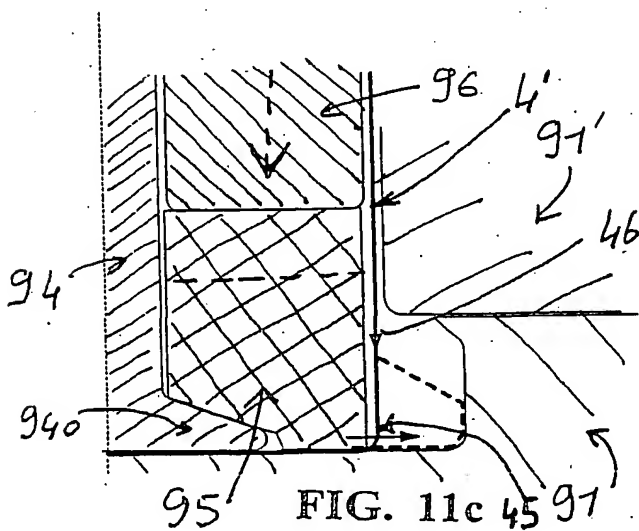


FIG. 11c

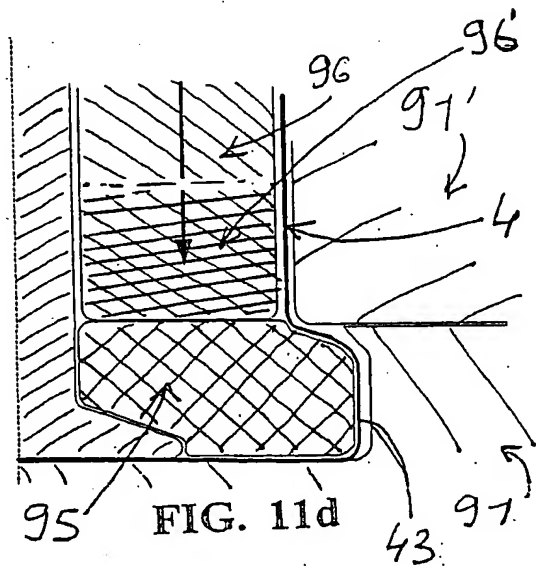
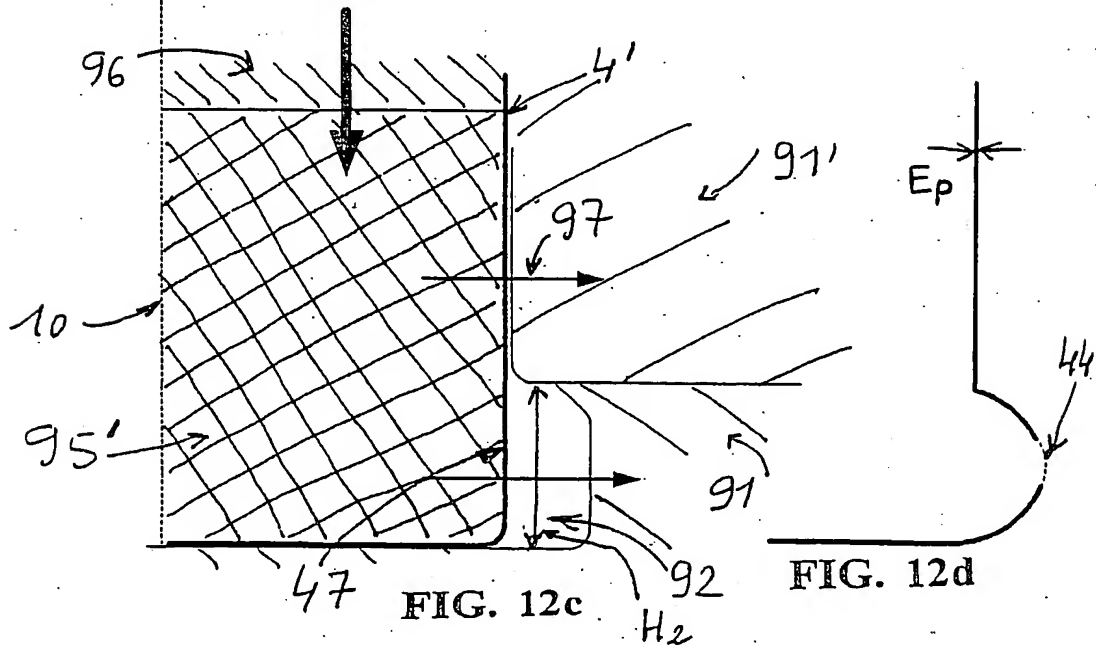
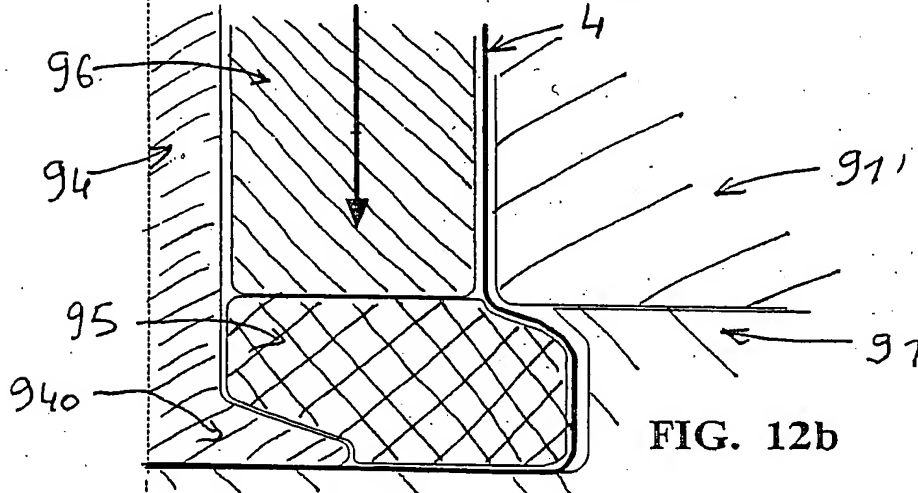
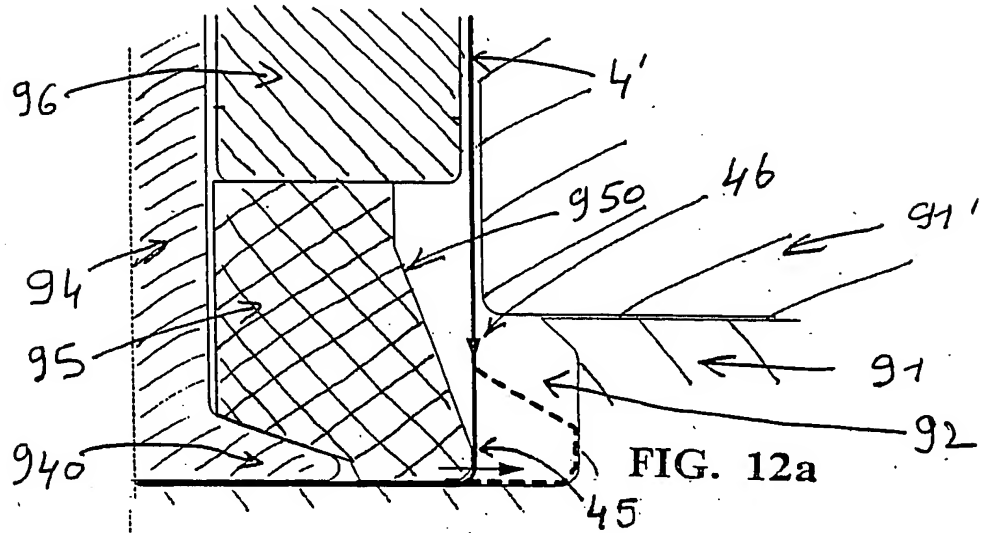
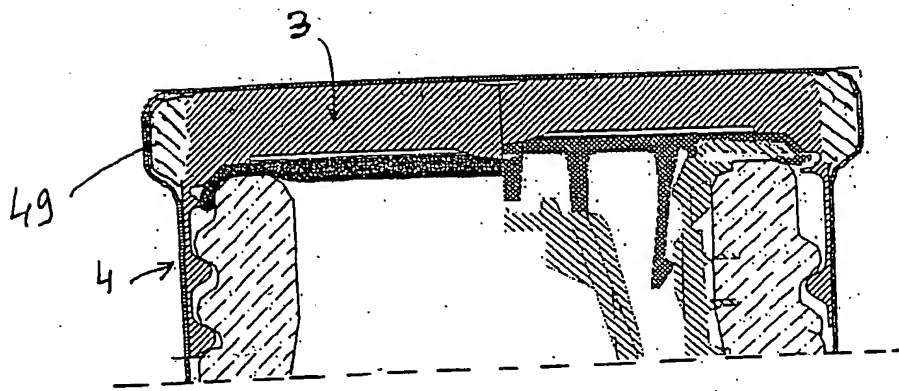
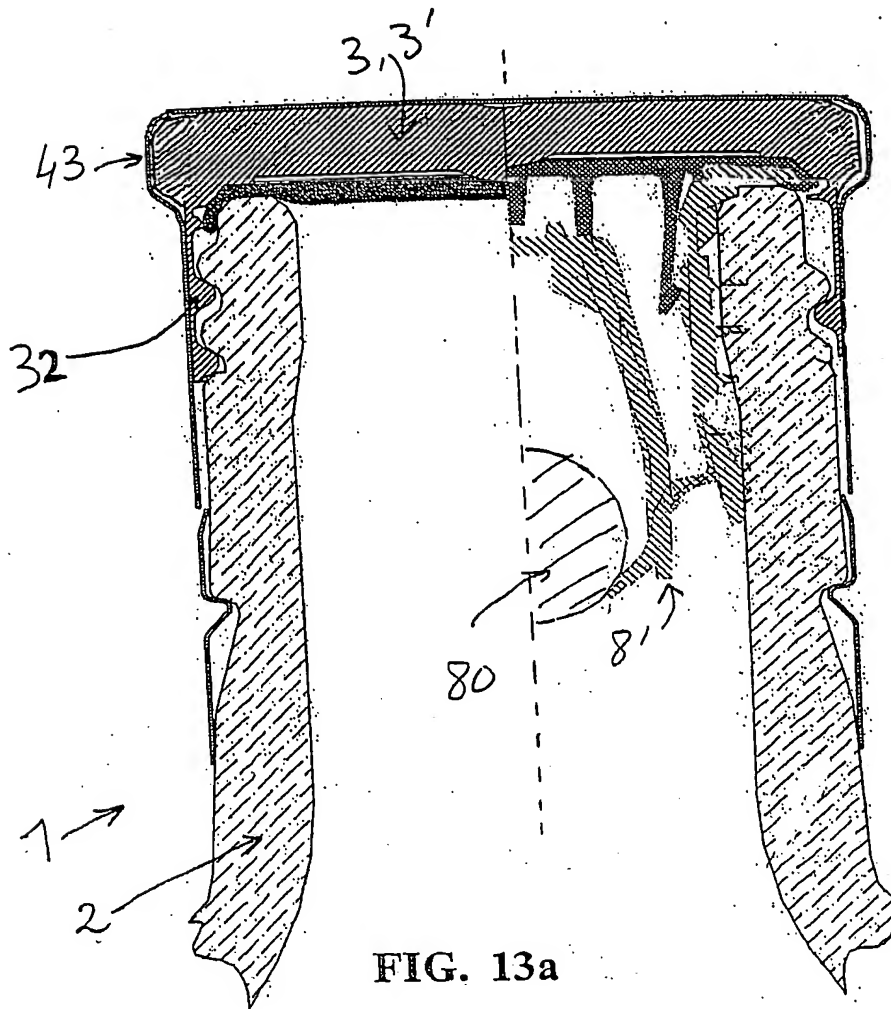


FIG. 11d

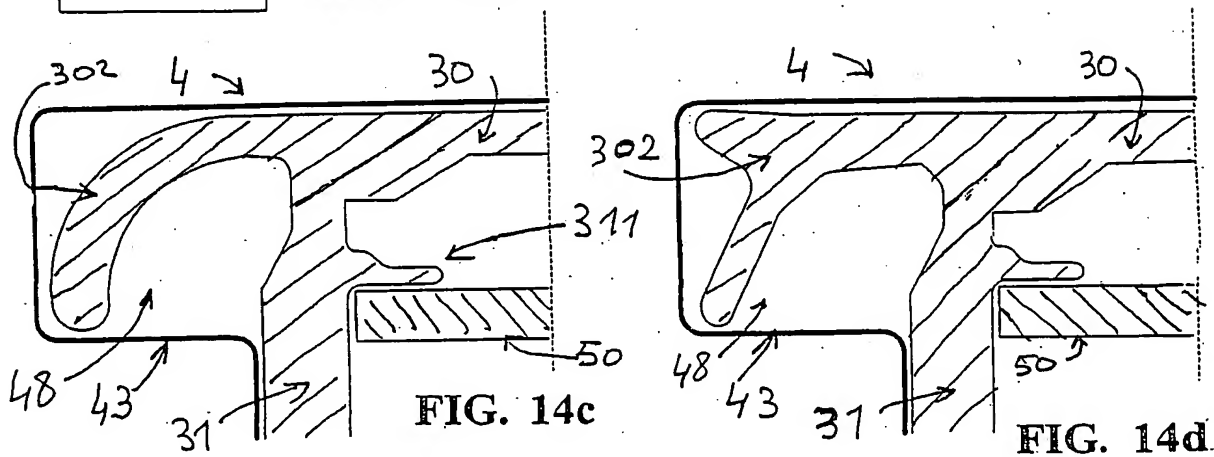
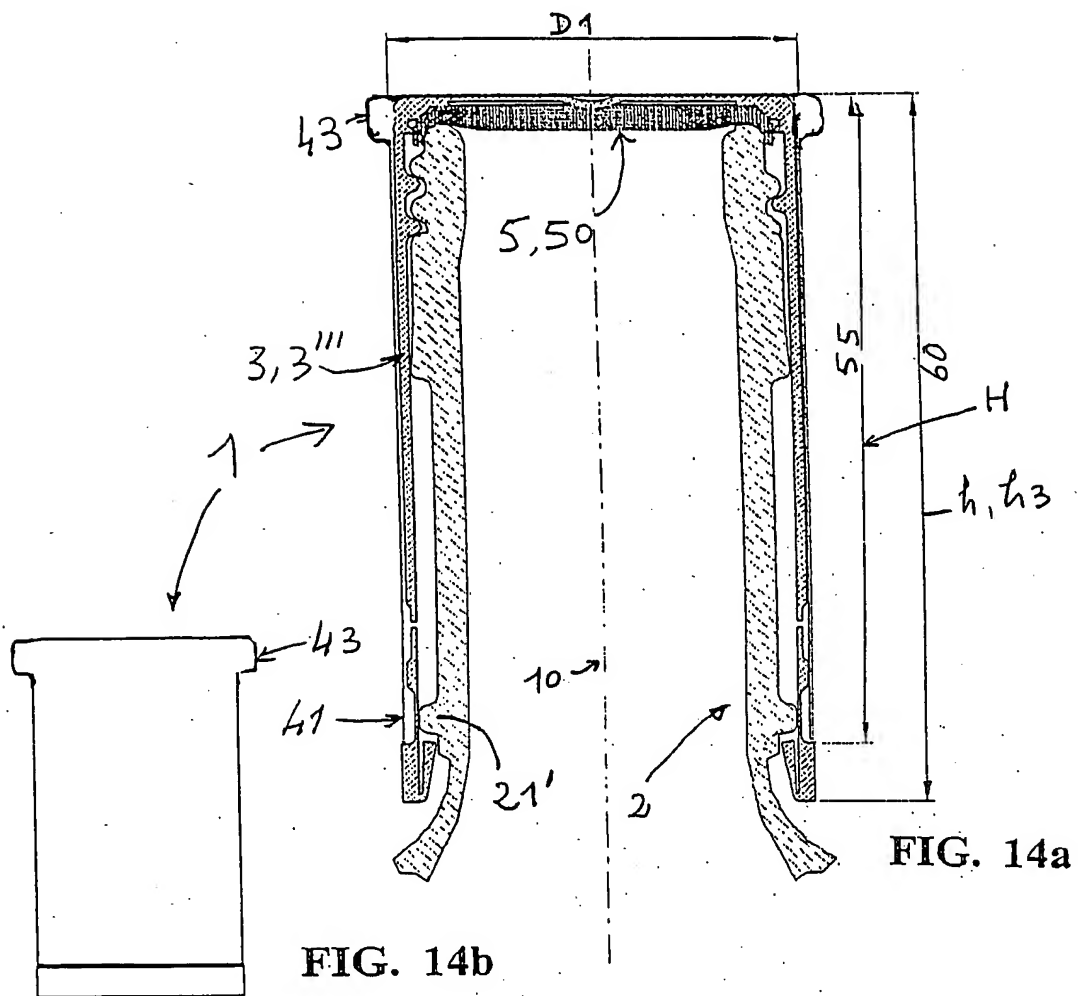
12 / 19



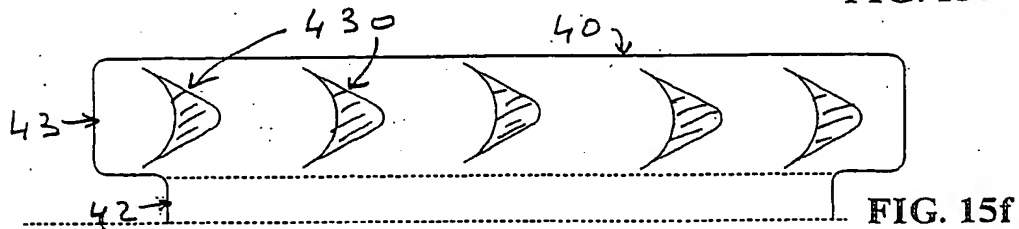
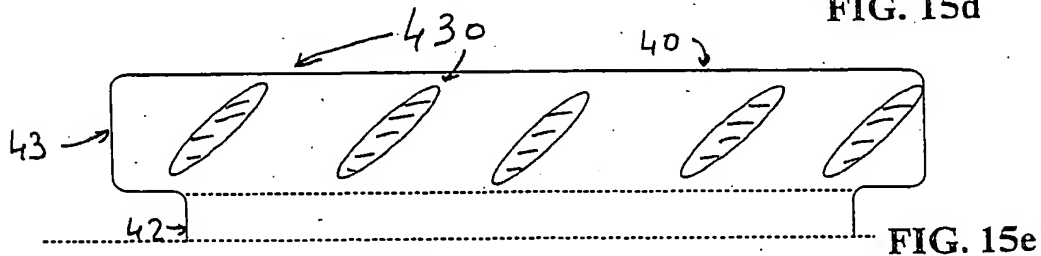
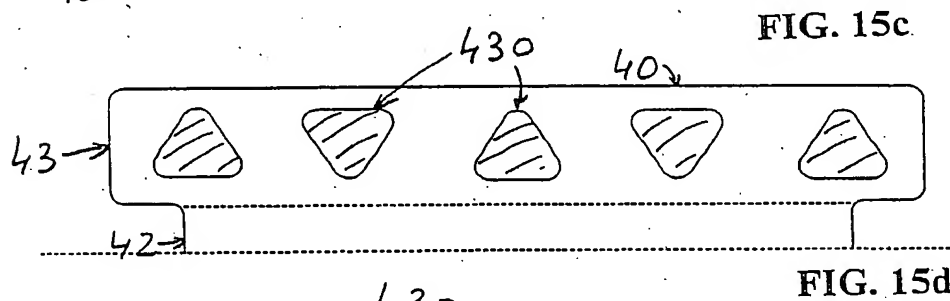
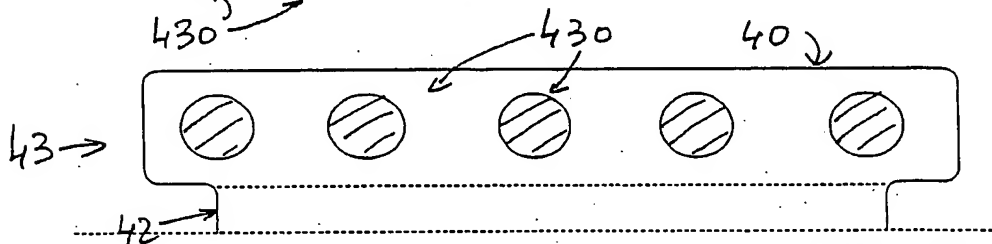
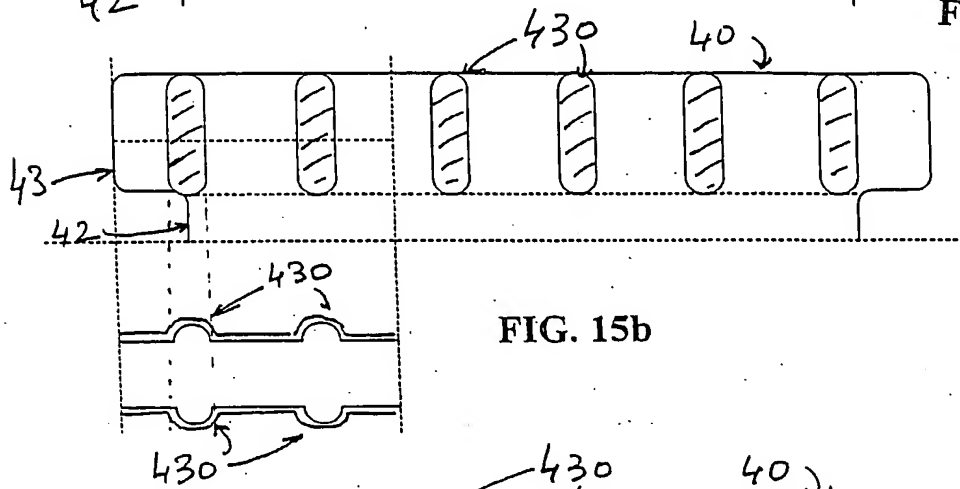
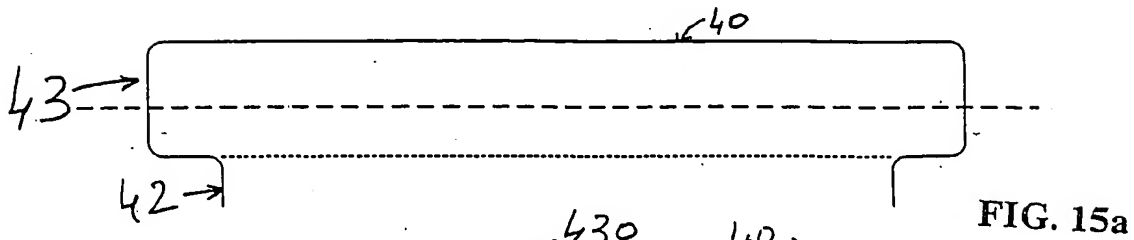
13 / 19



14 / 19



15 / 19



16 / 19

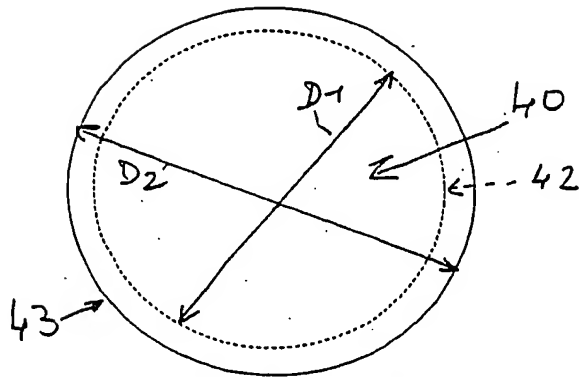


FIG. 16a

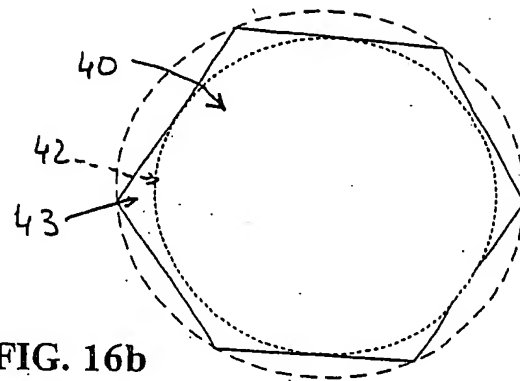


FIG. 16b

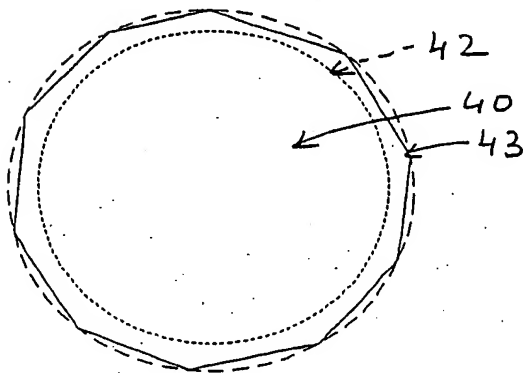


FIG. 16c

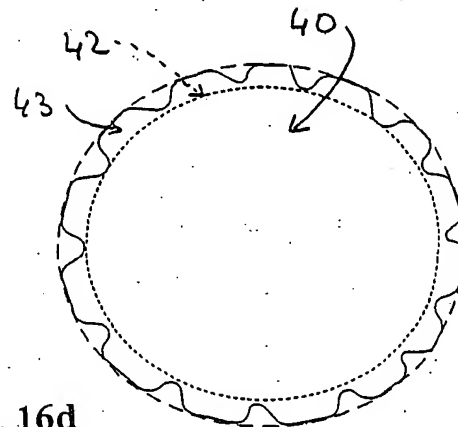


FIG. 16d

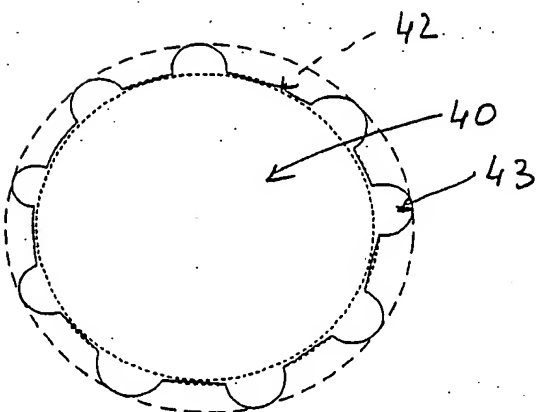


FIG. 16e

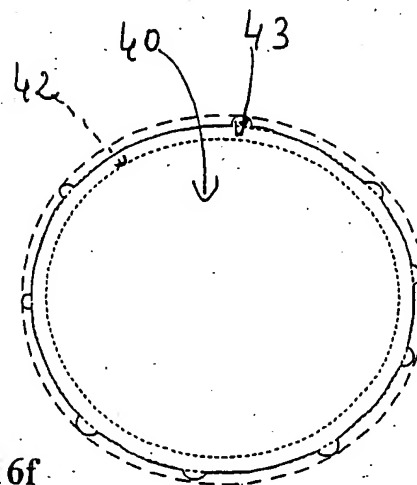
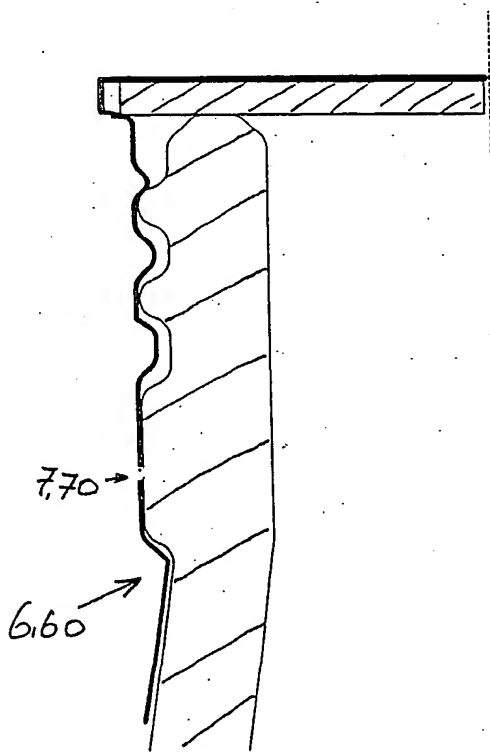
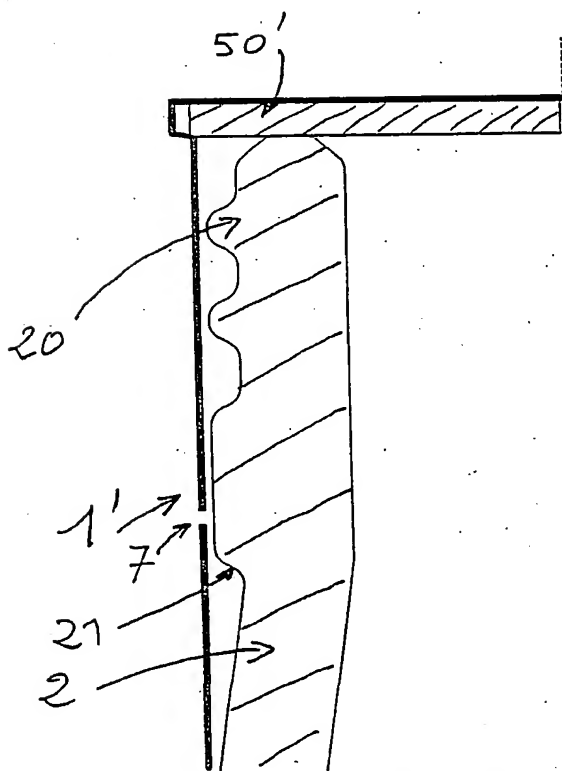
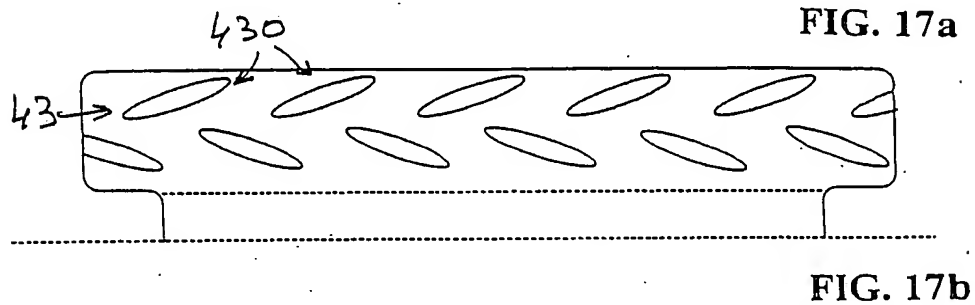
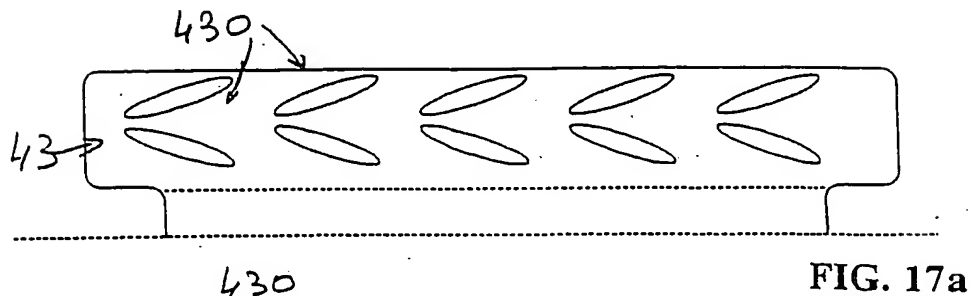


FIG. 16f



17 / 19



18 / 19

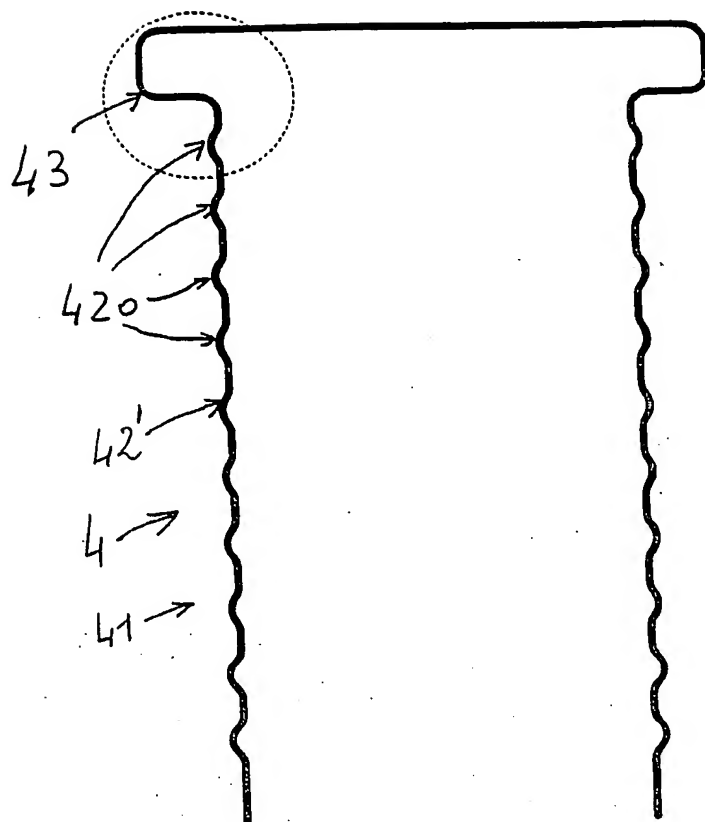


FIG. 18a

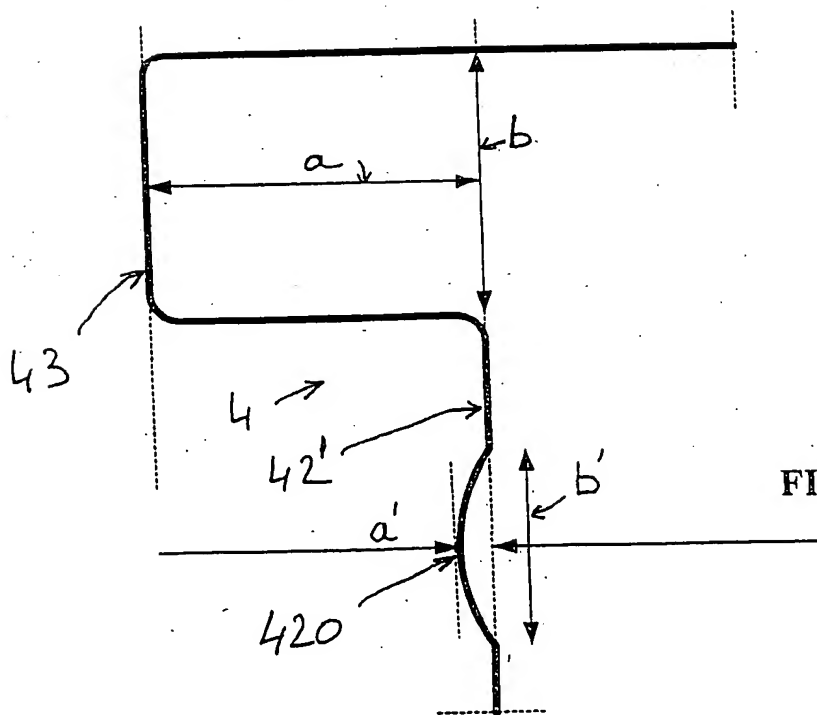


FIG. 18b

19 / 19

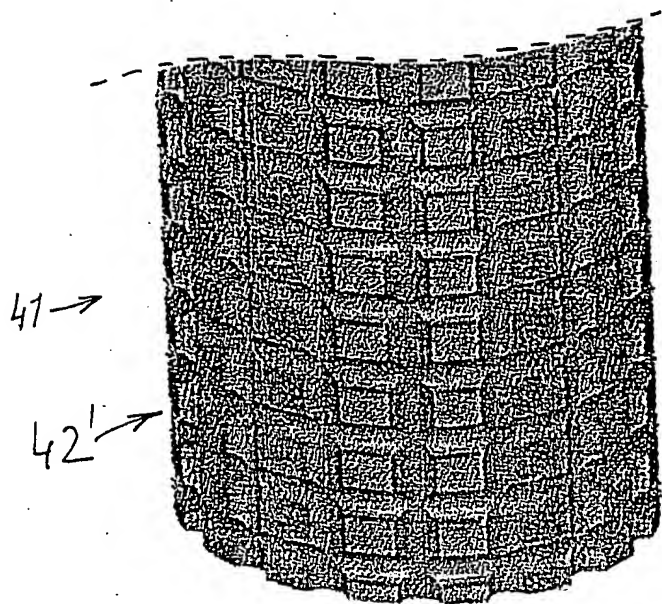


FIG. 18c

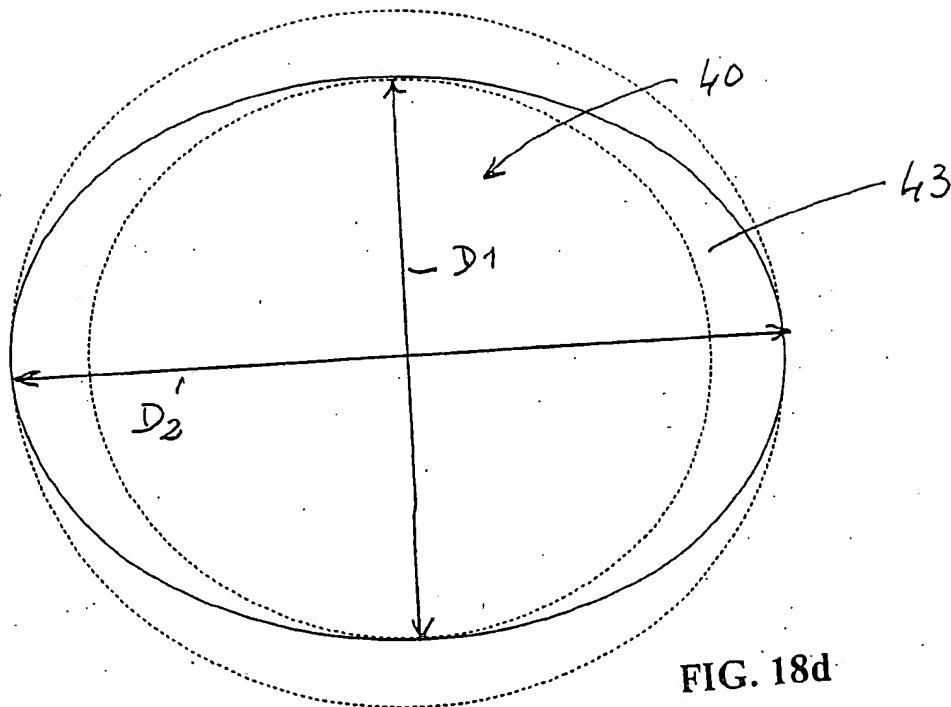


FIG. 18d

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**